

To reflex or not to reflex: genetic testing patterns for neurofibromatosis 1 (NF1) and Legius syndrome

Amanda Bergner, Patrick Reineke, Zoe Powis Ambry Genetics

BACKGROUND

- Germline molecular testing for NF1 and Legius syndrome using next generation sequencing (NGS) and deletion/duplication analysis (del/dup) is being offered by an increasing number of diagnostic laboratories¹
- Clinicians now have the option to pursue testing for one or both of these genes, concurrently or sequentially, using one or both testing methodologies
- We report data from a single diagnostic laboratory regarding the prevalence of various testing patterns for NF1 and SPRED1, as well as comparative detection rates

METHODS

- All sequential cases submitted for germline genetic testing of *NF1* and/or *SPRED1* by any testing methodology in any sequence between January 2014 and December 2016 were retrospectively identified
- Cases in which a gene mutation was identified were selected and reviewed







15 Argonaut, Aliso Viejo, CA 92656 Toll Free 866 262 7943 Fax 949 900 5501

(6/238)

(0/218)

ambrygen.com

REFERENCES